

Title (en)  
DEVICES AND METHODS FOR MANAGING ANIMALS IN AN ENCLOSURE

Title (de)  
VORRICHTUNGEN UND VERFAHREN ZUR VERWALTUNG VON TIEREN IN EINEM GEHEGE

Title (fr)  
DISPOSITIFS ET PROCÉDÉS DE GESTION D'ANIMAUX DANS UN ENCLOS

Publication  
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Application  
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Abstract (en)  
[origin: US2022104450A1] The invention comprises systems and methods for controlling environmental conditions within and/or around an animal enclosure. The systems and methods preferably comprise a climate control system and infrared sensors in a poultry house having a first climate and housing poultry having one or more measurable parameters such a temperature. The infrared sensors detect infrared light information emitted by a head and/or vent of poultry in the house. The climate control system processes the information to calculate an internal temperature of poultry and activates one or more climate conditioning devices in the house to change the first climate to a second climate determined by the detected information and/or calculated internal temperatures of the poultry. The systems and methods may be deployed in houses comprising thousands of poultry and one or more climate zones. The systems and methods may make one or more climate changes based on one or more different parameters.

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